Amendments To The Claims

1. (Currently Amended) A television set-top terminal, comprising:

a computer readable medium having computer program code; and

means for executing said computer program code to implement an Application

Programming Interface (API), the means for executing said computer program code being

located in said set-top terminal, wherein:

application data which defines applications is recovered at the terminal according to

locators associated with the applications;

the applications are registered and installed at the terminal;

the API enables running and subsequent stopping of the applications;

the API enables the retrieval of the applications as broadcast software applications: and

the API enables pausing of the applications once they are running, and subsequent

resuming of the applications.

2. (Original) The terminal of claim 1, wherein: a user is notified of the presence of the

applications after registration and installation thereof.

3. (Original) The terminal of claim 1, wherein: said API enables the retrieval of the

applications as downloadable software applications.

4. (Canceled)

5. (Original) The terminal of claim 1, wherein: said API is independent of an operating

2

system and hardware of the terminal.

6. (Currently Amended) A television set-top terminal, comprising:

a computer readable medium having computer program code; and

means for executing said computer program code to implement an Application

Programming Interface (API) , the means for executing said computer program code being

located in said set-top terminal, wherein:

application data which defines applications is recovered at the terminal according to

locators associated with the applications;

the applications are registered and installed at the terminal;

the API enables particular ones of the applications to advertise their respective states to

other applications; and

the API provides an ITU- T X. 731-based mechanism for monitoring and controlling the

applications, wherein said ITU- T X. 731 is an international standard which defines management

states, status codes and state transitions for manageable objects.

7. (Original) The terminal of claim 6, wherein: a user is notified of the presence of the

applications after registration and installation thereof.

8. (Canceled)

9. (Original) The terminal of claim 6, wherein: said API enables at least one of the other

applications to access the advertised state of at least one of the particular advertising

3

applications.

10. (Original) The terminal of claim 6, wherein: said API enables retrieval of version information associated with the applications.

11. (Canceled)

12. (Original) The terminal of claim 6, wherein: said API enables verification of the integrity of the applications.

13. (Canceled)

14. (Original) The terminal of claim 6, wherein: said API enables administrative locking and unlocking of the applications.

15. (Original) The terminal of claim 6, wherein: said API enables particular ones of the applications to advertise respective alarm statuses thereof to other ones of the applications.

16. (Original) The terminal of claim 6, wherein: said API enables particular ones of the applications to advertise respective availability statuses thereof to other ones of the applications.

17. (Original) The terminal of claim 6, wherein: said API enables particular ones of the applications to advertise respective procedural statuses thereof to other ones of the applications.

4

18. (Original) The terminal of claim 6, wherein: said API enables particular ones of the applications to advertise respective operational states thereof to other ones of the applications.

19. (Original) The terminal of claim 6, wherein: said API enables particular ones of the applications to advertise respective administrative states thereof to other ones of the applications.

20. (Original) The terminal of claim 6, wherein: said API enables particular ones of the applications to advertise respective usage states thereof to other ones of the applications.

21. (Currently Amended) A method for implementing a software architecture for a television set-top terminal, comprising:

providing a computer readable medium having computer program code; and

executing said computer program code to implement an Application Programming Interface (API), the computer program code being executed in said set-top terminal, to:

recover application data which defines applications at the terminal according to a locator associated with the application data;

register and install the applications at the terminal;

enable running and subsequent stopping of the applications;

enable the retrieval of the applications as broadcast software applications; and

enable pausing of the applications once they are running, and subsequent resuming of the applications.

22. (Original) The method of claim 21, wherein a user is notified of the presence of the applications after registration and installation thereof.

23. (Currently Amended) A method for implementing a software architecture for a television set-top terminal, comprising:

providing a computer readable medium having computer program code; and

executing said computer program code to implement an Application Programming Interface (API), the computer program code being executed in said set-top terminal, to:

recover application data which defines applications at the terminal according to a locator associated with the application data;

register and install the applications at the terminal;

enable particular ones of the applications to advertise their respective states to other applications; and

monitor and control the applications via a IIU-T X. 73 I-based mechanism, wherein said IIU - T X. 731 is an international standard which defines management states, status codes and state transitions for manageable objects.

24. (Original) The method of claim 23, wherein a user is notified of the presence of the applications after registration and installation thereof.

Claims 25-26 (Canceled)

6